New Mexico- Tucumcari Field Office
FY 2004 Ranking Criteria Worksheet - Irrigated Cropland G&SW

Applicant: _____ Date: _____ Total Points: _____

Farm No.: _____ Tract No.: _____ CMS Field No's. _____

1. Water Quantity 130 Potential Points (30% of Total)

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
1-20%					
21-30%			70		
31-40%			80		
41-50%			90		
51-60%			100		
61-70%			110		
71-80%			120		
>80%			130		
		1. Water Quantity	**Total**		

2. Water Quality - 85 Potential Points (20% of Total)

A. Surface Water Pollutants - 40 Points Maximum

There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.

Distance of Surface runoff to Live Water	Points		After
<100 Ft.	40		
101 - 500 Ft.	30		
501 - 1,320 Ft.	20		
1,320 - 2,640 Ft.	10		
>2,640 Ft.			
A. Surface Water	**Total**		

B. Ground Water Pollutants - 45 Points Maximum

There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or

Depth to Water Table	Points		After
1 - 10 Ft **or** elimination of any direct discharge into ground water.	45		
10 - 50 Ft.	35		
50 -100 Ft.	25		
>100 Ft.			
B. Ground Water	**Total**		

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3. Selected Conservation Practice(s) 170 Potential Points (40% of Total)

	Potential Points		Points
Soil Erosion: Wind			
Range Planting (550)	5		
Field Borders (Buffer Strip) (386)	5		
Water Quality: Groundwater Contaminants			
Back flow/Chemigation Valve (442)	15		
Water Quantity: Inefficient Use on Irrigated Land			
Irrigation Water Conveyance, Pipeline (430-EE)	15		
Flowmeter (587)	15		
Computer Panels (442)	15		
Drip Tape/LEPA (442)	40		
Water Quantity: Aquifer Overdraft			
Irrigation Water Management, Convert to permanent vegetation 2 gpm/ac.	170**		
Irrigation Water Management, Convert to Dryland Farming 3 gpm/ac.	160**		
Irrigation Water Management, Net Water Savings in Acre Inches Per acre 4gpm/ac.	45		
LESA (442)	20		
Animals Wildlife: Inadequate Cover/Shelter			
Range Planting (550),	10		
multiple species with shrubs			
3. Selected Conservation Practices	**Total**		

4. Other Considerations -43 Potential Points (10% of Total)

	Potential Points		After Points
A. At risk species are in the area and the contract will enhance habitat for the species. (Prairie Dog & Prairie Chicken)	13		
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10		
C. Treatment of this land could enhance the benefits of an active sec. 309 project.			
D. This land is within a NMED designated Category I watershed.			
E. Proposed contracted area will be treated to eradicate and /or prevent infestation of Class A, Class B, and/or Class C noxious weeds, as designated by NMDA.	20		
4. Other Considerations	**Total**		

Land eligibility - Acres considered for incentive payment must have been irrigated 2 of the last 3 years (based on FSA certification). Wells will be metered by NRCS personnel to determine production. Ties will be broken by water saved - total GPM of wells/number of wells.

NOTE: Any single type of conservation practice will be limited to $50,000 in cost share per contract

_____ _____

Producer Date

_____ _____

Designated Conservationist Date

FY 2005 EQIP PRACTICE - COST WORKSHEET

IRRIGATED CROPLAND

Name: _____ Date _____

FSN: _____

Tract: _____

CONSERVATION PRACTICE	AMOUNT	UNIT	COST	% CS	COST SHARE APPROX.	PRODUCERS APPROX. COST
				TOTAL COST:		

VII Remarks

Total $